



ReachElite High Punch Powercore, IntelliHue

ReachElite High Punch Powercore, IntelliHue 300, 100 to 277 VAC, 2.6°, Native (no spread lens), UL/cUL, CE, CQC

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ReachElite High Punch is a premium exterior long-throw luminaire designed to light large-scale outdoor structures ranging from bridges and facades to monuments and skyscrapers. Powerful enough to hit targets over 453 m (1,487 ft) away with the 300 W luminaire, ReachElite High Punch raises the bar for optical control, performance and beam quality in LED lighting. What sets ReachElite apart from the competition is its application efficiency, high punch, and adaptability. ReachElite delivers high-quality white and color light exactly where you want it. With a native beam angle under 3°, ReachElite introduces a new level of precision and punch to the premium exterior LED luminaire market.

Product data

General information	
Lamp family code	LED-HB [LED High Brightness]
Light source color	IntelliHue
Light source replaceable	No
Driver included	Yes
Optic type	Narrow beam
Optical cover/lens type	Tempered glass
CE mark	CE mark
UL mark	UL and cUL mark

Warranty period	5 years	
Light technical		
CRI @ 4000 K	85	
CRI R9 @ 4000 K	84.9	
Operating and electrical		
Input Voltage	100 to 277 V	

Datasheet, 2022, September 15 data subject to change

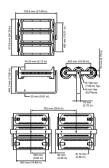
ReachElite High Punch Powercore, IntelliHue

Input Frequency	50 to 60 Hz
Mechanical and housing	
Housing Material	Aluminum die cast
Optic material	Glass
Optical cover/lens material	Tempered glass
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Color	Black
Approval and application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Surge protection level until 4 kV
Vibration Standard	Complies with ANSI C136.31, 3G
Corrosion Resistance	Complies with ASTM B117 standard for >
	1,500 hours
FCC mark	FCC Class A
Vibration Rating	Complies with ANSI C136.31, 3G
Initial parformance (IEC compliant)	
Initial performance (IEC compliant)	
Initial luminous flux (system flux)	12447 lm
Initial LED luminaire efficacy	41.4 lm/W
Initial input power	300 W
Over time performance (IEC compliant)
Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	51000
Lumen Maintenance 50% at 50°C Calculated	100000
Lumen Maintenance 50% at 50°C Reported	51000
Lumen Maintenance 70% at 25°C Calculated	100000

Lumen Maintenance 70% at 25°C Reported 51000 Lumen Maintenance 70% at 50°C Calculated 100000 Lumen Maintenance 80% at 50°C Reported 51000 Lumen Maintenance 80% at 25°C Calculated 67000 Lumen Maintenance 80% at 25°C Reported 51000 Lumen Maintenance 80% at 50°C Reported 51000 Lumen Maintenance 80% at 50°C Reported 51000 Lumen Maintenance 90% at 25°C Calculated 23100 Lumen Maintenance 90% at 25°C Reported 23100 Lumen Maintenance 90% at 50°C Calculated 23100 Lumen Maintenance 90% at 50°C Reported 23100 Lumen Maintenance 90% at 50°C Reported 23100 Application conditions Ambient temperature range -40 to +50 °C Product data Full product code 871869921977200 Order product name DCP776 108xLED-HB/RGBMW EAN/UPC - Product 8718699219772 Order code 423-000303-02 Numerator - Quantity Per Pack 1 Numerator - Packs per outer box 1 Material Nr. (12NC) 912400135529 Net Weight (Piece) 41.000 kg		
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6.1. 1. 1.	Net Weight (Piece)	41.000 kg
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Dimensional drawing



DCP776 108xLED-HB/RGBMW

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